

IN THE CLAIMS:

The present listing of claims replaces all previous listings of claims.

1. (Original) A temperature control device for a disk drive unit, the temperature control device comprising:
 - a housing for connection to a carrier for a disk drive unit;
 - an air flow generator arranged in the housing for providing a flow of air to a disk drive unit in a connected carrier; and,
 - an air flow control device arranged at the side of the air flow generator and selectively configurable to control the air flow path whereby the temperature of air flowing to the disk drive unit can be controlled.
2. (Original) A temperature control device according to claim 1, comprising at least two apertures in a side of the housing for providing possible air flow paths.
3. (Original) A temperature control device according to claim 2, comprising a linearly movable valve to control a degree of opening of the apertures.
4. (Original) A temperature control device according to claim 3, comprising a rack and pinion mechanism to operate the linearly movable valve.
5. (Currently Amended) A temperature control device according to ~~any of~~ claims 2 ~~to~~ 4, comprising a heat exchanger in communication with the apertures arranged to selectively receive and cool at least a portion of the air from a said disk drive unit thereby to provide chilled air, wherein the air flow control device is selectively operable to cause air to recirculate directly across a said disk drive unit, or to cause at least a portion of the air that has passed over a said disk drive unit to pass through the heat exchanger.
6. (New) A temperature control device according to claims 3, comprising a heat exchanger in communication with the apertures arranged to selectively receive and cool at least a portion of the air from a said disk drive unit thereby to provide chilled air,

wherein the air flow control device is selectively operable to cause air to recirculate directly across a said disk drive unit, or to cause at least a portion of the air that has passed over a said disk drive unit to pass through the heat exchanger.

7. (New) A temperature control device according to claims 4, comprising a heat exchanger in communication with the apertures arranged to selectively receive and cool at least a portion of the air from a said disk drive unit thereby to provide chilled air, wherein the air flow control device is selectively operable to cause air to recirculate directly across a said disk drive unit, or to cause at least a portion of the air that has passed over a said disk drive unit to pass through the heat exchanger.

68. (Currently Amended) A temperature control device according to claim 5, wherein the first and second apertures are capable of being open or closed in a desired proportion such that air provided to a said disk drive unit is a mixture of directly recirculated air and air from the heat exchanger.

79. (Currently Amended) A temperature control device according to ~~any preceding~~ claim 1, comprising a selectively operable heater in the air flow path to a said disk drive unit for selectively heating air prior to said air flowing across a said disk drive unit.

810. (Currently Amended) A temperature control device according to ~~any preceding~~ claim 1, wherein the air flow generator is a DC blower or a radial fan.

911. (Currently Amended) Disk drive unit test apparatus for receiving a plurality of disk drive units, the test apparatus comprising:

a plurality of temperature control devices according to ~~any of~~ claims 1 to 8; and,

a plurality of carriers, each for connection to a respective one of the temperature control devices and each for receiving a respective disk drive unit.

~~10~~12. (Currently Amended) A method of testing one or more disk drive units, wherein the temperature of each of the one or more disk drive units is independently controlled during testing of the disk drive units, the temperature being controlled using a temperature control device according ~~any of~~ to claims 1 ~~to~~ 8.

~~11~~13. (Currently Amended) A method of operating one or more disk drive units, wherein the temperature of each of the one or more disk drive units is independently controlled during operation of the disk drive units, the temperature being controlled using a temperature control device according ~~any of~~ to claims 1 ~~to~~ 8.